United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Friday, May 21, 2010
From: Anita L. Boseman

To:
David Chung, US EPA HQ
Jason El-Zein, US EPA R5
Bill Messenger, US EPA R5
Cheryl McIntyre, US EPA R5
Robert Paulson, US EPA R5
Coast Guard, USCG
Harry Atkinson, IDEM
Charles Gebien, US EPA R5
Carl Norman, US EPA R5
Richard Murawski, US EPA R5
Jeff Kelley, US EPA R5
M. Chezik, U.S. DOI
Max Michael, IDEM

Subject: Time Critical Removal Action
State Plating
450 North 9th St., Elwood, IN
Latitude: 40.2830390
Longitude: -85.8517070

POLREP No.:	27	**Site #:**	B5SG
Reporting Period:	May 17-21, 2010	**D.O. #:**	07
Start Date:	10/12/2009	**Response Authority:**	CERCLA
Mob Date:	10/12/2009	**Response Type:**	Time-Critical
Demob Date:		**NPL Status:**	Non NPL
Completion Date:		**Incident Category:**	Removal Action
CERCLIS ID #:	INN000510359	**Contract #**	EP-S5-08-04
RCRIS ID #:			

Site Description
See POLREP #1

Current Activities

On May 17, 2010, the debris and spent equipment continued to be removed from the floor in the eastern section of Section K and from the floor surrounding plating vats 1 through 6 in Section J. Metal process piping and other plating equipment debris continued to be processed for disposal as hazardous debris. Solid waste material from Section K continued to be loaded into two roll-off boxes for later offsite disposal by the Wabash Valley Refuse Company. Ambient air inside the facility was monitored for the following parameters with the use of 2 AreaRaes: Lower Explosive Limit (LEL), Carbon Monoxide (CO), Hydrogen Cyanide (HCN), Hydrogen Sulfide (H2S), Volatile Organic Compounds (VOC) and Oxygen (O2). Also 3 DataRam were used via ERT's RAT to provide real time dust particulate monitoring.. All indoor work was performed in Level C.

On May 18, 2010, the debris and spent equipment continued to be removed from the floor in the eastern section of Section K and western section of Section H. Metal process piping and other plating equipment debris continued to be processed for disposal as hazardous debris. Wabash

Valley Refuse picked up two roll-off boxes containing solid waste material from Section K for transport and offsite disposal. Real-time monitoring of the ambient air inside the facility was performed with the use of 3 DataRam/RAT and 2 AreaRaes. All indoor work was performed in Level C.

On May 19, 2010, the debris and spent equipment continued to removed from the floor in the western section of Section H and power washing of the floor in the eastern section of Section K began. Metal process piping and other plating equipment debris continued to be processed for disposal as hazardous debris. Lab packs were prepared for the materials collected from the former chemist's lab in Section I. Real-time monitoring of the ambient air inside the facility was performed with the use of 3 DataRam/RAT and 2 AreaRaes. All indoor work was performed in Level C.

On May 20, 2010, the debris and spent equipment continued to removed from the floor in the western section of Section H and power washing of the floor in the eastern section of Section K continued. Plating vats that had been stored outside of Section J and other plating equipment debris continued to be cut up into section in preparation for disposal as hazardous debris. PSC Environmental delivered two roll-off boxes for transport and disposal of hazardous waste debris. Real-time monitoring of the ambient air inside the facility was performed with the use of 3 DataRam/RAT and 2 AreaRaes. All indoor work was performed in Level C.

On May 21, 2010, the floor in Section K continued to be power washed surface and clearing of debris from the Section H floor surrounding vats 38 - 42. Plating equipment debris continued to cut into section in preparation for disposal. Prepared hazardous waste debris was placed into the two roll-off boxes. Real-time monitoring of the ambient air inside the facility was performed with the use of 3 DataRam/RAT and 2 AreaRaes. All indoor work was performed in Level C.

Planned Removal Actions

- Continue removal of debris from facility floors.
- Continue power washing the facility floors
- Continue demolition of plating equipment to render them unusable.
- Continued offsite transport and disposal of hazardous waste material.

Next Steps

- Continue real-time air monitoring of the ambient air inside the facility with the use of DataRams/RAT and AreaRaes.
- Continue onsite security during non-working hours.

Key Issues

None.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	$1,459,536.00	$1,400,824.45	$58,711.55	4.02%
RST/START	$225,000.00	$192,322.74	$225,000.00	14.52%

Intramural Costs				
Total Site Costs	$1,684,536.00	$1,593,147.00	$91,389.00	5.43%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

Disposition of Wastes

TOTAL TO DATE:

Bulk Liquids (Approximate)

24,544 gallons of Hazardous Waste Liquids D008 (Lead) have been transported to Vickery, OH for disposal.

45,435 gallons of Hazardous Waste Liquids D007 (Chromium, Nickel) have been transported to Vickery, OH for disposal.

4,990 gallons of Waste Corrosive, Basic, Inorganic D002, D007 (Chromium, Nickel) have been transported to Vickery, OH for disposal.

41,463 gallons of Waste Corrosive, Acidic, Inorganic D002, D007, D008 (Sulfuric Acid, Hydrochloric Acid) have been transported to Vickery, OH for disposal.

10,163 gallons of Waste Sodium Hydroxide Solution, D002, D007 have been transported to Vickery, OH for disposal.

3,384 gallons of Waste Sodium Hydroxide Solution, D002, D007, D008, D022 have been transported to Vickery, OH for disposal.

15,231 gallons of Waste Corrosive Liquid, Acidic, Inorganic, D002, D007, D008, D010 (Chromic Acid, Hydrochloric Acid, Sulfuric Acid, Nitric Acid) have been transported to Vickery, OH for disposal.

80 cubic yards of Hazardous Waste, Liquid, Sludge, D007, D008, (Chromium, Lead) have been transported to Indianapolis, IN for disposal.

2,600 gallons of Waste Corrosive Liquid, Basic, Inorganic, D002, D007 (Sodium Hydroxide) have been transported to Indianapolis, IN for disposal.

10,455 gallons of Hazardous Waste, Liquid, D007 (Chromium) have been transported to Indianapolis, IN for disposal.

190 cubic yards of Hazardous Waste, Liquid, D007 (Chromium) have been transported to Indianapolis, IN for disposal.

550 gallons of Hazardous Waste, Liquid, D008 (Barium, Lead) have been transported to Detroit, MI for disposal.

Bulk Solids (Approximate)

14,200 lbs of Hazardous Waste Solid, D007, D008, (Chromium, Lead) have been transported to Detroit, MI for disposal.

44,000 lbs of Hazardous Waste Solid, Debris, D007, D008, D018 (Chromium, Lead, Benzene) have been transported to Detroit, MI for disposal.

5 cubic yards of Hazardous Waste, Solid, D007 (Chromium, Nickel) have been transported to Detroit, MI for disposal.

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